

Page 17 of 18

22 October, 2004

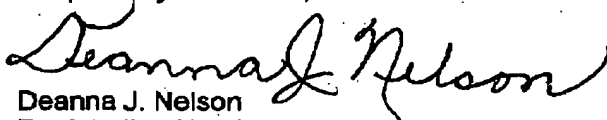
chelates are useful as anti-chelates of his invention. Likewise, he has disclosed methods for the preparation of chelate-fluorophore tracer compositions of two types: (1) target metal ion chelate-fluorophore tracer compositions in which a target metal is chelated to an organic ligand; and (2) non-target metal ion chelate-fluorophore tracer compositions in which a non-target metal is chelated to an organic ligand. Applicant respectfully requests examination of the claims that disclose his invention.

Applicant respectfully requests that if claims are allowed, the other inventions that were asserted in the Office Action of September 22, 2004, be rejoined.

Applicant respectfully submits that examination of his application has been unreasonably delayed by the Office and requests that if claims are allowed, the term of the resulting letters patent be extended by a period of time equal to that of the unreasonable delay, a period of approximately 18 months.

Should additional information be required, Deanna J. Nelson is representing Applicant before the Office. She is available by telephone at (919) 678-9478 during the hours of 8:00 AM to 4:00 PM Monday through Friday and by facsimile at (919) 678-9474.

Respectfully submitted,


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Registration Number 44,968

57

apteryx • Araucanian

apteryx \ap-to-riks\ *n* [NL, fr. *ap-* + Gk *pteryx* wing; akin to Gk *pteron*] *KW*
ap-ti-tude \ap-ti-t(y)üd\ *n* 1: capacity for learning: **APTITUDE**
2 a: INCLINATION, TENDENCY **b**: natural ability: **TALENT** **3**: general suitability *ap-ti-tu-din-ly* \-ē\ *adv*
ap-yrase \ap-y-ris, -rks\ *n* (adenosine + triphosphate + *-ase*)
 any of several enzymes that hydrolyze ATP with the liberation of phosphate

aq *abbr* aqua; aqueous
aqua \ak-wa, -k\ *n* *pl* **aquas** \ak-(w)w-ē\ or **aquas** (L—more at ISLAND) **1**: WATER; *cap*: an aqueous solution (as of a volatile substance) **2**: a light greenish blue color
aqua-cade \ak-wa-kād, -k\ *n* **Aquacade** a water entertainment spectacle orig. at Cleveland, Ohio (1937): a water spectacle that consists usu. of exhibitions of swimming and diving with musical accompaniment

Aqua-dag \-dag\ *trademark* — used for a colloidal suspension of fine particles of graphite in water for use as a lubricant
aqua-for-tis \ak-wa-fort-is, -k\ *n* [NL *aqua fortis* lit. strong water] **NITRIC ACID**

aqua-lung \ak-wa-lung, -k\ *n* [fr. *Aqua-lung*, a trademark] **SCUBA DIVER**

aqua-marine \ak-wa-mar-en, -k\ *n* [NL *aqua marina* fr. L sea water] **1**: a transparent beryl that is blue, blue-green, or green in color **2**: a pale blue to light greenish blue color

aqua-naut \ak-wa-nōt, -k\ *n* [E *-naut* (as in *astronaut*)] **1**: a scuba diver who lives and operates both inside and outside an underwater shelter for an extended period

aqua-plane \ak-wa-plan, -k\ *n* a board towed behind a speeding motorboat and ridden by a person standing on it — **aqua-plane w** — **aqua-planer** *n*

aqua-plura \ak-wa-pyur-a, -k\ *n* [L] **1**: pure water

aqua-regia \-re-jē-ā\ *n* [NL *regia* royal water] a mixture of nitric and hydrochloric acids that dissolves gold or platinum

aqua-rella \ak-wa-re-lā, -k\ *n* [F, fr. obs. *it* *aquarella* (now *aquarola*)] fr. *aqua* water fr. *L aqua*: a drawing usu. in transparent watercolor — **aqua-rellist** \-rel-ist\ *n*

aqua-rist \-kwā-rist, -k\ *n* one who keeps an aquarium

aqua-rium \-kwā-ri-um, -k\ *n* *pl* **aquaria** or **-ia** \-ē-ā\ (L) watering places for cattle, a nest of *aquarius* of water; fr. *aqua* **1**: a container (as a glass tank) or an artificial pond in which living aquatic animals or plants are kept **2**: an establishment where aquatic collections of living organisms are kept and exhibited

Aqua-ri-us \-ē-ē\ *n* (L *gen. Aquarius*) lit. water carrier **1**: a constellation south of Pegasus pictured as a man pouring water **2**: the 11th sign of the zodiac in astrology — see **ZODIAC** table **b**

one born under this sign

aquatic \kwē-tik\ *adj* **1**: growing or living in or frequenting water **2**: taking place in or on water <> sports

aquatic-ally \-tik-ē-ē\ *adv*

aquatic *n* **1**: an aquatic animal or plant **2** *pl* but *sing* or *pl* in *constr*: water sports

aqua-tint \ak-wa-tint, -k\ *n* [It *aqua tinta* dyed water] a method of etching a printing plate so that tones similar to watercolor washes can be reproduced; *also*: a print made from a plate so etched — **aqua-tint w** — **aqua-tint-er** *n* — **aqua-tint-ist** \-ist\ *n*

aqua-vit \ak-wa-vit, -k\ *n* [Sw, Dan & Norw *akvavit* fr. ML *aqua vitae*] a clear Scandinavian liquor flavored with caraway seeds

aqua-vitae \ak-wa-vit-ē, -k\ *n* [ML *fr. ML*, lit. water of life] **1**: ALCOHOL **2**: a strong alcoholic liquor

aqua-duct \ak-wa-duk, -k\ *n* [L *aqueductus* fr. *aqua* (gen. of *aqua*) + *ductus* act of leading — more at **DUCT**] **1**: a conduit for water; *cap*: one for carrying a large quantity of flowing water **2**: a structure for conveying a canal over a river or hollow

a canal or passage in a part or organ

aqua-duct \ak-wa-duk, -k\ *adj* [ML *aqueductus* fr. *L aqua*] **1**: of, relating to, or pertaining to water; made from, with, or by water **2**: of or relating to the aqueous humor — **aqueously** *adv*

aqueous humor *n*: a limpid fluid occupying the space between the crystalline lens and the cornea of the eye

aquiculture or **aquaculture** \ak-wa-kul-cher, -k\ *n* [L *aqua* + *cultura* (as in *agriculture*)] **1**: the cultivation of the natural produce of water **2**: **HYDROKULT** — **aquicultur-ist** \-kult-ur-ist\ *n*

aquifer \ak-wa-fer, -k\ *n* [NL *fr. L aqua* + *-fer*] a water-bearing stratum of permeable rock, sand, or gravel — **aquifer-ous** \-wif-ō-rs, -ē\ *adj*

aquila \ak-wa-kwā, -k\ *n* (L *gen. Aquila*) lit. eagle: a northern constellation in the Milky Way southerly from Lyra and Cygnus

aquila \ak-wa-kwā, -k\ *n* [NL] **1** **COLUMBINE**

aquila \ak-wa-jin, -k\ *adj* [L *aquilus* fr. *aquila* eagle] **1** *adj* relating to, or resembling an eagle **2**: curving like an eagle's beak *Cap* — *note* — **aquil-ly** \-k-wā-lē-ē\ *adv*

aquiver \kwiv-er, -k\ *adj*: marked by trembling or quivering *call* with excitement

Ar *n* [ME]: the letter *r*

Ar *abbr* arrival; arrive

Ar *abbr* argon

Ar *abbr* acknowledgment of receipt **2** all rail **3** all risks **4** annual return **5** Arkansas **6** army regulation **7** autonomous public

Ar *also* *adj* *suffix* [ME, fr. L *aris*, alter. of *alis* -al]: of relating to <molecular>; being <spectacular>; resembling <ocular>

Ar *abbr* Ver-*ab*, in sense 2 often *Ar*-*ab* *n* [ME, fr. L *Arabis*, *Arabis* fr. Gk *Arabis*, *Araps* fr. Ar *Arab*] **1**: a member of the Semitic people of the Arabian peninsula **2**: a member of an Arab tribe **3**: a native of Arabia and adjacent regions; *spec*: a horse bred noted for its graceful build, speed, intelligence, and spirit

Arab *adj*

Ar *abbr* Arabian; Arabic

arabesque \ar-a-besk\ *adj* [Fr, It *arabesco* Arabian in fashion, fr. *Arabo* Arab, fr. L *Arabus*] *cf.* relating to, or being in the style of arabesque

arabesque *n* **1**: an ornament or style that employs flower, foliage, or fruit and sometimes animal and figural outlines to produce an intricate pattern of interlaced lines **2**: a posture of ballet in which the body is bent forward from the hip on one leg with the corresponding arm extended forward and the other arm and leg backward **3**: a contrived intricate pattern of verbal expression <> of alliteration — C. E. Montague

Arabian coffee \ar-a-bē-ē\ *n* **COFFEE**

Ar *abbr* horse *n* **1** **ARAB**

Ar *abbr* *Ar*-*ab* *adj* **1**: of, relating to, or characteristic of Arabia or the Arabs **2**: of, relating to, or constituting Arabic **3**: of or relating to Arabic numerals

Arabic *n*: a Semitic language orig. of the Arabs of the Hijaz and Nejd that is now the prevailing speech of Arabia, Jordan, Lebanon, Syria, Iraq, Egypt, and parts of northern Africa

Arabic *n*: the alphabet of 28 letters derived from the Aramaic which is used for writing Arabic and also with adaptations for numerous other languages of Asia, Africa, and Europe of peoples professing the Muslim religion

Arabi-cize \ar-a-bē-ē-ē\ *n* *pl* **Arabi-cize** *adj* **1**: to adapt (a language or elements of a language) to the phonetic or structural pattern of Arabic **2**: **ARABIZE** **1**

Arabic numeral *n*: one of the number symbols 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 — see **NUMBER** table

Arabi-nose \ar-a-bē-ē-nōs, -nōz\ *n* [ISV *arabla* (the solid principle in gum arabic, fr. *gum arabic* + *-in*) + *-nose*] a crystalline aldose sugar, C₁₂H₂₂O₁₁ of the pentose class

Arabi-nose \ar-a-bē-ē-nōs, -nōz\ *n*: a glycoside that yields arabinose on hydrolysis

Arabi-ist \ar-a-bē-ist, -k\ *n*: a specialist in the Arabic language or in Arabic culture

Arabi-ize \ar-a-bē-ē-ē\ *vt* *tr* **Arabi-ize** *adj* **1**: to cause to acquire Arabic customs, manners, speech, or outlook **2**: to modify (a racial or national stock) by an admixture of Arab blood **3**: **ARABIZE** **1**

Arabi-ize \ar-a-bē-ē-ē\ *adj* [MP or L, ME, fr. L *arabiz* fr. *arab* to plow; akin to OE *aran* to plow, Gk *arros*] *fr* for or cultivated by plowing or tillage — **Arabi-ize** *adj* **1**: to plow or cultivate

Arabi-ize *n*: land that is tilled or dilled

Arachnid \ar-ak-nid, -k\ *n* (deriv. of Gk *arachnē* spider): any of a class (Arachnida) of arthropods comprising mostly air-breathing invertebrates, including the spiders and scorpions, mites, and ticks, and having a segmented body divided into two regions of which the anterior bears four pairs of legs but no antennae — **Arachnid** *adj*

Arachnid \ar-ak-nid, -k\ *n* [NL *Arachnida* fr. Gk *arachnē*, like a cobweb, fr. *arachnē* spider, spider's web] a thin membrane of the brain and spinal cord that lies between the dura mater and the pia mater

Arachnoid *adj* **1**: of or relating to the arachnoid membrane **2**: covered with or composed of soft, loose hairs or fibers

Arachnoid *adj* (deriv. of Gk *arachnē*) resembling or related to the arachnids

Arago-nite \ar-a-gō-nit, -nō-gō\ *n* [G *aragonit* fr. *Aragon*, Spain] a mineral, CaCO₃, consisting like calcite of calcium carbonate but differing from calcite in its orthorhombic crystallization, greater density, and less distinct cleavage — **Arago-nite** *adj*

Ar *abbr* *Ar*-*ab* *adj* [L *Armenia* fr. Gk *Armenia* fr. Heb. *Armen* Aram, ancient name for Syria] **1**: a member of a Semitic people of the second millennium B.C. in Syria and Upper Mesopotamia **2**: **ARAMAIC** — **Armenian** *adj*

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a about b bitten c further d back e bake f eat, cart
g out h chin i less j easy k gift l trip m life
n joke o sing p flow q flaw r coin s thin t this
u lost v foot y yet z few yu furious za vision